

Release notes for ENDF/B Development n-064\_Gd\_153  
evaluation

**ENDF**  
**B-VII**.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section  
*MAT=6428, MF= 1, MT=451 (1): Parsing stopped*

```
ERROR(S) FOUND IN MAT=6428, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 271 TO 486
```

- checkr Errors:

1. A variable is outside the allowed ENDF range  
*MAT=6428, MF= 1, MT=451 (0): Variable range*

```
ERROR(S) FOUND IN MAT=6428, MF= 1, MT=451
MOD = 1 OUT OF RANGE 0 - 0 RECORD NUMBER 271
```

2. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 2, MT=151 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6428, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 488
```

3. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 1 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 1060
```

4. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 2 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 1076
```

5. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 4 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 1172
```

6. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 16 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 1207
```

7. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 17 (0): Directory (b)*

- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 17 | RECORD NUMBER | 1219 |
| SECTION 3/ 17 NOT IN DIRECTORY            |               |      |
8. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 22 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 22 | RECORD NUMBER | 1226 |
| SECTION 3/ 22 NOT IN DIRECTORY            |               |      |
9. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 24 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 24 | RECORD NUMBER | 1239 |
| SECTION 3/ 24 NOT IN DIRECTORY            |               |      |
10. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 28 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 28 | RECORD NUMBER | 1248 |
| SECTION 3/ 28 NOT IN DIRECTORY            |               |      |
11. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 41 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 41 | RECORD NUMBER | 1258 |
| SECTION 3/ 41 NOT IN DIRECTORY            |               |      |
12. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 51 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 51 | RECORD NUMBER | 1265 |
| SECTION 3/ 51 NOT IN DIRECTORY            |               |      |
13. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 52 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 52 | RECORD NUMBER | 1286 |
| SECTION 3/ 52 NOT IN DIRECTORY            |               |      |
14. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 53 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 53 | RECORD NUMBER | 1305 |
| SECTION 3/ 53 NOT IN DIRECTORY            |               |      |
15. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 54 (0): Directory (b)*

- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 54 |                    |
| SECTION 3/ 54 NOT IN DIRECTORY            | RECORD NUMBER 1325 |
16. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 55 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 55 |                    |
| SECTION 3/ 55 NOT IN DIRECTORY            | RECORD NUMBER 1345 |
17. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 56 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 56 |                    |
| SECTION 3/ 56 NOT IN DIRECTORY            | RECORD NUMBER 1365 |
18. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 57 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 57 |                    |
| SECTION 3/ 57 NOT IN DIRECTORY            | RECORD NUMBER 1385 |
19. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 58 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 58 |                    |
| SECTION 3/ 58 NOT IN DIRECTORY            | RECORD NUMBER 1404 |
20. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 59 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 59 |                    |
| SECTION 3/ 59 NOT IN DIRECTORY            | RECORD NUMBER 1424 |
21. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 60 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 60 |                    |
| SECTION 3/ 60 NOT IN DIRECTORY            | RECORD NUMBER 1444 |
22. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 61 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 61 |                    |
| SECTION 3/ 61 NOT IN DIRECTORY            | RECORD NUMBER 1464 |
23. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 62 (0): Directory (b)*

- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 62 | RECORD NUMBER | 1484 |
| SECTION 3/ 62 NOT IN DIRECTORY            |               |      |
24. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 63 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 63 | RECORD NUMBER | 1504 |
| SECTION 3/ 63 NOT IN DIRECTORY            |               |      |
25. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 64 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 64 | RECORD NUMBER | 1524 |
| SECTION 3/ 64 NOT IN DIRECTORY            |               |      |
26. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 65 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 65 | RECORD NUMBER | 1543 |
| SECTION 3/ 65 NOT IN DIRECTORY            |               |      |
27. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 66 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 66 | RECORD NUMBER | 1562 |
| SECTION 3/ 66 NOT IN DIRECTORY            |               |      |
28. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 67 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 67 | RECORD NUMBER | 1581 |
| SECTION 3/ 67 NOT IN DIRECTORY            |               |      |
29. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 68 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 68 | RECORD NUMBER | 1599 |
| SECTION 3/ 68 NOT IN DIRECTORY            |               |      |
30. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 69 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 69 | RECORD NUMBER | 1618 |
| SECTION 3/ 69 NOT IN DIRECTORY            |               |      |
31. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 70 (0): Directory (b)*

- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 70 | RECORD NUMBER | 1637 |
| SECTION 3/ 70 NOT IN DIRECTORY            |               |      |
32. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 71 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 71 | RECORD NUMBER | 1656 |
| SECTION 3/ 71 NOT IN DIRECTORY            |               |      |
33. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 72 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 72 | RECORD NUMBER | 1675 |
| SECTION 3/ 72 NOT IN DIRECTORY            |               |      |
34. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 73 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 73 | RECORD NUMBER | 1694 |
| SECTION 3/ 73 NOT IN DIRECTORY            |               |      |
35. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 74 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 74 | RECORD NUMBER | 1713 |
| SECTION 3/ 74 NOT IN DIRECTORY            |               |      |
36. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 75 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 75 | RECORD NUMBER | 1732 |
| SECTION 3/ 75 NOT IN DIRECTORY            |               |      |
37. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 76 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 76 | RECORD NUMBER | 1751 |
| SECTION 3/ 76 NOT IN DIRECTORY            |               |      |
38. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 77 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 77 | RECORD NUMBER | 1770 |
| SECTION 3/ 77 NOT IN DIRECTORY            |               |      |
39. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 78 (0): Directory (b)*

- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 78 | RECORD NUMBER | 1788 |
| SECTION 3/ 78 NOT IN DIRECTORY            |               |      |
40. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 79 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 79 | RECORD NUMBER | 1807 |
| SECTION 3/ 79 NOT IN DIRECTORY            |               |      |
41. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 80 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 80 | RECORD NUMBER | 1826 |
| SECTION 3/ 80 NOT IN DIRECTORY            |               |      |
42. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 81 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 81 | RECORD NUMBER | 1844 |
| SECTION 3/ 81 NOT IN DIRECTORY            |               |      |
43. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 82 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 82 | RECORD NUMBER | 1862 |
| SECTION 3/ 82 NOT IN DIRECTORY            |               |      |
44. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 83 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 83 | RECORD NUMBER | 1880 |
| SECTION 3/ 83 NOT IN DIRECTORY            |               |      |
45. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 84 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 84 | RECORD NUMBER | 1899 |
| SECTION 3/ 84 NOT IN DIRECTORY            |               |      |
46. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 85 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 85 | RECORD NUMBER | 1917 |
| SECTION 3/ 85 NOT IN DIRECTORY            |               |      |
47. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 86 (0): Directory (b)*

- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 86 |               |      |
|  | SECTION 3/ 86 NOT IN DIRECTORY            | RECORD NUMBER | 1935 |
48. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 87 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 87 |               |      |
|  | SECTION 3/ 87 NOT IN DIRECTORY            | RECORD NUMBER | 1953 |
49. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 88 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 88 |               |      |
|  | SECTION 3/ 88 NOT IN DIRECTORY            | RECORD NUMBER | 1971 |
50. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 89 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 89 |               |      |
|  | SECTION 3/ 89 NOT IN DIRECTORY            | RECORD NUMBER | 1989 |
51. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT= 91 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT= 91 |               |      |
|  | SECTION 3/ 91 NOT IN DIRECTORY            | RECORD NUMBER | 2007 |
52. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=102 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT=102 |               |      |
|  | SECTION 3/102 NOT IN DIRECTORY            | RECORD NUMBER | 2025 |
53. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=103 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT=103 |               |      |
|  | SECTION 3/103 NOT IN DIRECTORY            | RECORD NUMBER | 2046 |
54. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=107 (0): Directory (b)*
- |  |   |               |      |
|--|---|---------------|------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 3, MT=107 |               |      |
|  | SECTION 3/107 NOT IN DIRECTORY            | RECORD NUMBER | 2063 |
55. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=600 (0): Directory (b)*



- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=600 |                    |
| SECTION 3/600 NOT IN DIRECTORY            | RECORD NUMBER 2133 |
56. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=601 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=601 |                    |
| SECTION 3/601 NOT IN DIRECTORY            | RECORD NUMBER 2150 |
57. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=602 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=602 |                    |
| SECTION 3/602 NOT IN DIRECTORY            | RECORD NUMBER 2167 |
58. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=603 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=603 |                    |
| SECTION 3/603 NOT IN DIRECTORY            | RECORD NUMBER 2184 |
59. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=604 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=604 |                    |
| SECTION 3/604 NOT IN DIRECTORY            | RECORD NUMBER 2201 |
60. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=605 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=605 |                    |
| SECTION 3/605 NOT IN DIRECTORY            | RECORD NUMBER 2218 |
61. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=606 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=606 |                    |
| SECTION 3/606 NOT IN DIRECTORY            | RECORD NUMBER 2235 |
62. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 3, MT=649 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 3, MT=649 |                    |
| SECTION 3/649 NOT IN DIRECTORY            | RECORD NUMBER 2252 |
63. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 2 (0): Directory (b)*

- |  |               |      |
|--|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 2 | RECORD NUMBER | 2269 |
| SECTION 4/ 2 NOT IN DIRECTORY            |               |      |
64. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 51 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 51 | RECORD NUMBER | 2455 |
| SECTION 4/ 51 NOT IN DIRECTORY            |               |      |
65. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 52 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 52 | RECORD NUMBER | 2601 |
| SECTION 4/ 52 NOT IN DIRECTORY            |               |      |
66. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 53 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 53 | RECORD NUMBER | 2746 |
| SECTION 4/ 53 NOT IN DIRECTORY            |               |      |
67. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 54 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 54 | RECORD NUMBER | 2891 |
| SECTION 4/ 54 NOT IN DIRECTORY            |               |      |
68. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 55 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 55 | RECORD NUMBER | 2984 |
| SECTION 4/ 55 NOT IN DIRECTORY            |               |      |
69. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 56 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 56 | RECORD NUMBER | 3073 |
| SECTION 4/ 56 NOT IN DIRECTORY            |               |      |
70. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 57 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 57 | RECORD NUMBER | 3162 |
| SECTION 4/ 57 NOT IN DIRECTORY            |               |      |
71. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 58 (0): Directory (b)*

- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 58 |                    |
| SECTION 4/ 58 NOT IN DIRECTORY            | RECORD NUMBER 3290 |
72. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 59 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 59 |                    |
| SECTION 4/ 59 NOT IN DIRECTORY            | RECORD NUMBER 3418 |
73. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 60 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 60 |                    |
| SECTION 4/ 60 NOT IN DIRECTORY            | RECORD NUMBER 3505 |
74. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 61 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 61 |                    |
| SECTION 4/ 61 NOT IN DIRECTORY            | RECORD NUMBER 3590 |
75. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 62 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 62 |                    |
| SECTION 4/ 62 NOT IN DIRECTORY            | RECORD NUMBER 3675 |
76. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 63 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 63 |                    |
| SECTION 4/ 63 NOT IN DIRECTORY            | RECORD NUMBER 3760 |
77. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 64 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 64 |                    |
| SECTION 4/ 64 NOT IN DIRECTORY            | RECORD NUMBER 3845 |
78. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 65 (0): Directory (b)*
- |   |                    |
|---|--------------------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 65 |                    |
| SECTION 4/ 65 NOT IN DIRECTORY            | RECORD NUMBER 3928 |
79. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 66 (0): Directory (b)*

- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 66 | RECORD NUMBER | 4011 |
| SECTION 4/ 66 NOT IN DIRECTORY            |               |      |
80. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 67 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 67 | RECORD NUMBER | 4092 |
| SECTION 4/ 67 NOT IN DIRECTORY            |               |      |
81. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 68 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 68 | RECORD NUMBER | 4173 |
| SECTION 4/ 68 NOT IN DIRECTORY            |               |      |
82. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 69 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 69 | RECORD NUMBER | 4254 |
| SECTION 4/ 69 NOT IN DIRECTORY            |               |      |
83. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 70 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 70 | RECORD NUMBER | 4335 |
| SECTION 4/ 70 NOT IN DIRECTORY            |               |      |
84. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 71 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 71 | RECORD NUMBER | 4416 |
| SECTION 4/ 71 NOT IN DIRECTORY            |               |      |
85. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 72 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 72 | RECORD NUMBER | 4497 |
| SECTION 4/ 72 NOT IN DIRECTORY            |               |      |
86. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 73 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 73 | RECORD NUMBER | 4578 |
| SECTION 4/ 73 NOT IN DIRECTORY            |               |      |
87. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 74 (0): Directory (b)*

- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 74 |                    |
|  | SECTION 4/ 74 NOT IN DIRECTORY            | RECORD NUMBER 4659 |
88. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 75 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 75 |                    |
|  | SECTION 4/ 75 NOT IN DIRECTORY            | RECORD NUMBER 4740 |
89. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 76 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 76 |                    |
|  | SECTION 4/ 76 NOT IN DIRECTORY            | RECORD NUMBER 4821 |
90. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 77 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 77 |                    |
|  | SECTION 4/ 77 NOT IN DIRECTORY            | RECORD NUMBER 4902 |
91. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 78 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 78 |                    |
|  | SECTION 4/ 78 NOT IN DIRECTORY            | RECORD NUMBER 4981 |
92. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 79 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 79 |                    |
|  | SECTION 4/ 79 NOT IN DIRECTORY            | RECORD NUMBER 5060 |
93. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 80 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 80 |                    |
|  | SECTION 4/ 80 NOT IN DIRECTORY            | RECORD NUMBER 5139 |
94. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 81 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 81 |                    |
|  | SECTION 4/ 81 NOT IN DIRECTORY            | RECORD NUMBER 5218 |
95. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 82 (0): Directory (b)*

- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 82 | RECORD NUMBER | 5297 |
| SECTION 4/ 82 NOT IN DIRECTORY            |               |      |
96. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 83 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 83 | RECORD NUMBER | 5376 |
| SECTION 4/ 83 NOT IN DIRECTORY            |               |      |
97. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 84 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 84 | RECORD NUMBER | 5455 |
| SECTION 4/ 84 NOT IN DIRECTORY            |               |      |
98. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 85 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 85 | RECORD NUMBER | 5532 |
| SECTION 4/ 85 NOT IN DIRECTORY            |               |      |
99. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 86 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 86 | RECORD NUMBER | 5609 |
| SECTION 4/ 86 NOT IN DIRECTORY            |               |      |
100. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 87 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 87 | RECORD NUMBER | 5686 |
| SECTION 4/ 87 NOT IN DIRECTORY            |               |      |
101. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 88 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 88 | RECORD NUMBER | 5763 |
| SECTION 4/ 88 NOT IN DIRECTORY            |               |      |
102. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT= 89 (0): Directory (b)*
- |   |               |      |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=6428, MF= 4, MT= 89 | RECORD NUMBER | 5840 |
| SECTION 4/ 89 NOT IN DIRECTORY            |               |      |
103. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=600 (0): Directory (b)*

- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=600 |                    |
|  | SECTION 4/600 NOT IN DIRECTORY            | RECORD NUMBER 5917 |
104. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=601 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=601 |                    |
|  | SECTION 4/601 NOT IN DIRECTORY            | RECORD NUMBER 5998 |
105. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=602 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=602 |                    |
|  | SECTION 4/602 NOT IN DIRECTORY            | RECORD NUMBER 6079 |
106. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=603 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=603 |                    |
|  | SECTION 4/603 NOT IN DIRECTORY            | RECORD NUMBER 6160 |
107. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=604 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=604 |                    |
|  | SECTION 4/604 NOT IN DIRECTORY            | RECORD NUMBER 6241 |
108. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=605 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=605 |                    |
|  | SECTION 4/605 NOT IN DIRECTORY            | RECORD NUMBER 6322 |
109. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 4, MT=606 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 4, MT=606 |                    |
|  | SECTION 4/606 NOT IN DIRECTORY            | RECORD NUMBER 6403 |
110. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 16 (0): Directory (b)*
- |  |   |                    |
|--|---|--------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 16 |                    |
|  | SECTION 6/ 16 NOT IN DIRECTORY            | RECORD NUMBER 6485 |
111. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 17 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 17  
SECTION 6/ 17 NOT IN DIRECTORY RECORD NUMBER 10178
112. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 22 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 22  
SECTION 6/ 22 NOT IN DIRECTORY RECORD NUMBER 10773
113. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 24 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 24  
SECTION 6/ 24 NOT IN DIRECTORY RECORD NUMBER 16648
114. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 28 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 28  
SECTION 6/ 28 NOT IN DIRECTORY RECORD NUMBER 18679
115. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 41 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 41  
SECTION 6/ 41 NOT IN DIRECTORY RECORD NUMBER 21302
116. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT= 91 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT= 91  
SECTION 6/ 91 NOT IN DIRECTORY RECORD NUMBER 21887
117. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT=102 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT=102  
SECTION 6/102 NOT IN DIRECTORY RECORD NUMBER 30989
118. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF= 6, MT=649 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF= 6, MT=649  
SECTION 6/649 NOT IN DIRECTORY RECORD NUMBER 33040
119. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 51 (0): Directory (b)*



- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 51  
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 35256
120. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 52 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 52  
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 35260
121. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 53 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 53  
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 35264
122. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 54 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 54  
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 35268
123. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 55 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 55  
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 35272
124. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 56 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 56  
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 35277
125. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 57 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 57  
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 35281
126. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 58 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 58  
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 35285
127. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 59 (0): Directory (b)*

- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 59 |                     |
|  | SECTION 12/ 59 NOT IN DIRECTORY           | RECORD NUMBER 35289 |
128. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 60 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 60 |                     |
|  | SECTION 12/ 60 NOT IN DIRECTORY           | RECORD NUMBER 35294 |
129. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 61 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 61 |                     |
|  | SECTION 12/ 61 NOT IN DIRECTORY           | RECORD NUMBER 35299 |
130. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 62 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 62 |                     |
|  | SECTION 12/ 62 NOT IN DIRECTORY           | RECORD NUMBER 35303 |
131. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 63 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 63 |                     |
|  | SECTION 12/ 63 NOT IN DIRECTORY           | RECORD NUMBER 35307 |
132. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 64 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 64 |                     |
|  | SECTION 12/ 64 NOT IN DIRECTORY           | RECORD NUMBER 35311 |
133. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 65 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 65 |                     |
|  | SECTION 12/ 65 NOT IN DIRECTORY           | RECORD NUMBER 35316 |
134. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 66 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=12, MT= 66 |                     |
|  | SECTION 12/ 66 NOT IN DIRECTORY           | RECORD NUMBER 35321 |
135. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 67 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 67  
SECTION 12/ 67 NOT IN DIRECTORY RECORD NUMBER 35326
136. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 68 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 68  
SECTION 12/ 68 NOT IN DIRECTORY RECORD NUMBER 35330
137. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 69 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 69  
SECTION 12/ 69 NOT IN DIRECTORY RECORD NUMBER 35335
138. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 70 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 70  
SECTION 12/ 70 NOT IN DIRECTORY RECORD NUMBER 35339
139. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 71 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 71  
SECTION 12/ 71 NOT IN DIRECTORY RECORD NUMBER 35343
140. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 72 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 72  
SECTION 12/ 72 NOT IN DIRECTORY RECORD NUMBER 35347
141. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 73 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 73  
SECTION 12/ 73 NOT IN DIRECTORY RECORD NUMBER 35351
142. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 74 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 74  
SECTION 12/ 74 NOT IN DIRECTORY RECORD NUMBER 35355
143. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 75 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 75  
SECTION 12/ 75 NOT IN DIRECTORY RECORD NUMBER 35359
144. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 76 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 76  
SECTION 12/ 76 NOT IN DIRECTORY RECORD NUMBER 35365
145. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 77 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 77  
SECTION 12/ 77 NOT IN DIRECTORY RECORD NUMBER 35369
146. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 78 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 78  
SECTION 12/ 78 NOT IN DIRECTORY RECORD NUMBER 35374
147. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 79 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 79  
SECTION 12/ 79 NOT IN DIRECTORY RECORD NUMBER 35378
148. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 80 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 80  
SECTION 12/ 80 NOT IN DIRECTORY RECORD NUMBER 35382
149. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 81 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 81  
SECTION 12/ 81 NOT IN DIRECTORY RECORD NUMBER 35388
150. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 82 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 82  
SECTION 12/ 82 NOT IN DIRECTORY RECORD NUMBER 35394
151. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 83 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 83  
SECTION 12/ 83 NOT IN DIRECTORY RECORD NUMBER 35399
152. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 84 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 84  
SECTION 12/ 84 NOT IN DIRECTORY RECORD NUMBER 35403
153. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 85 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 85  
SECTION 12/ 85 NOT IN DIRECTORY RECORD NUMBER 35407
154. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 86 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 86  
SECTION 12/ 86 NOT IN DIRECTORY RECORD NUMBER 35412
155. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 87 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 87  
SECTION 12/ 87 NOT IN DIRECTORY RECORD NUMBER 35416
156. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 88 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 88  
SECTION 12/ 88 NOT IN DIRECTORY RECORD NUMBER 35421
157. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT= 89 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT= 89  
SECTION 12/ 89 NOT IN DIRECTORY RECORD NUMBER 35426
158. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT=601 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT=601  
SECTION 12/601 NOT IN DIRECTORY RECORD NUMBER 35430
159. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT=602 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=12, MT=602  
SECTION 12/602 NOT IN DIRECTORY RECORD NUMBER 35434
160. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT=603 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT=603  
SECTION 12/603 NOT IN DIRECTORY RECORD NUMBER 35438
161. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT=604 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT=604  
SECTION 12/604 NOT IN DIRECTORY RECORD NUMBER 35442
162. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT=605 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT=605  
SECTION 12/605 NOT IN DIRECTORY RECORD NUMBER 35446
163. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=12, MT=606 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=12, MT=606  
SECTION 12/606 NOT IN DIRECTORY RECORD NUMBER 35451
164. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 51 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 51  
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 35456
165. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 52 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 52  
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 35458
166. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 53 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 53  
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 35460
167. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 54 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 54  
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 35462
168. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 55 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 55  
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 35464
169. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 56 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 56  
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 35466
170. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 57 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 57  
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 35468
171. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 58 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 58  
SECTION 14/ 58 NOT IN DIRECTORY RECORD NUMBER 35470
172. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 59 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 59  
SECTION 14/ 59 NOT IN DIRECTORY RECORD NUMBER 35472
173. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 60 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 60  
SECTION 14/ 60 NOT IN DIRECTORY RECORD NUMBER 35474
174. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 61 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 61  
SECTION 14/ 61 NOT IN DIRECTORY RECORD NUMBER 35476
175. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 62 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 62  
SECTION 14/ 62 NOT IN DIRECTORY RECORD NUMBER 35478
176. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 63 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 63  
SECTION 14/ 63 NOT IN DIRECTORY RECORD NUMBER 35480
177. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 64 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 64  
SECTION 14/ 64 NOT IN DIRECTORY RECORD NUMBER 35482
178. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 65 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 65  
SECTION 14/ 65 NOT IN DIRECTORY RECORD NUMBER 35484
179. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 66 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 66  
SECTION 14/ 66 NOT IN DIRECTORY RECORD NUMBER 35486
180. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 67 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 67  
SECTION 14/ 67 NOT IN DIRECTORY RECORD NUMBER 35488
181. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 68 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 68  
SECTION 14/ 68 NOT IN DIRECTORY RECORD NUMBER 35490
182. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 69 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 69  
SECTION 14/ 69 NOT IN DIRECTORY RECORD NUMBER 35492
183. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 70 (0): Directory (b)*



- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 70 |                     |
|  | SECTION 14/ 70 NOT IN DIRECTORY           | RECORD NUMBER 35494 |
184. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 71 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 71 |                     |
|  | SECTION 14/ 71 NOT IN DIRECTORY           | RECORD NUMBER 35496 |
185. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 72 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 72 |                     |
|  | SECTION 14/ 72 NOT IN DIRECTORY           | RECORD NUMBER 35498 |
186. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 73 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 73 |                     |
|  | SECTION 14/ 73 NOT IN DIRECTORY           | RECORD NUMBER 35500 |
187. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 74 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 74 |                     |
|  | SECTION 14/ 74 NOT IN DIRECTORY           | RECORD NUMBER 35502 |
188. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 75 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 75 |                     |
|  | SECTION 14/ 75 NOT IN DIRECTORY           | RECORD NUMBER 35504 |
189. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 76 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 76 |                     |
|  | SECTION 14/ 76 NOT IN DIRECTORY           | RECORD NUMBER 35506 |
190. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 77 (0): Directory (b)*
- |  |   |                     |
|--|---|---------------------|
|  | ERROR(S) FOUND IN MAT=6428, MF=14, MT= 77 |                     |
|  | SECTION 14/ 77 NOT IN DIRECTORY           | RECORD NUMBER 35508 |
191. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 78 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 78  
SECTION 14/ 78 NOT IN DIRECTORY RECORD NUMBER 35510
192. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 79 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 79  
SECTION 14/ 79 NOT IN DIRECTORY RECORD NUMBER 35512
193. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 80 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 80  
SECTION 14/ 80 NOT IN DIRECTORY RECORD NUMBER 35514
194. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 81 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 81  
SECTION 14/ 81 NOT IN DIRECTORY RECORD NUMBER 35516
195. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 82 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 82  
SECTION 14/ 82 NOT IN DIRECTORY RECORD NUMBER 35518
196. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 83 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 83  
SECTION 14/ 83 NOT IN DIRECTORY RECORD NUMBER 35520
197. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 84 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 84  
SECTION 14/ 84 NOT IN DIRECTORY RECORD NUMBER 35522
198. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 85 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 85  
SECTION 14/ 85 NOT IN DIRECTORY RECORD NUMBER 35524
199. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 86 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 86  
SECTION 14/ 86 NOT IN DIRECTORY RECORD NUMBER 35526
200. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 87 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 87  
SECTION 14/ 87 NOT IN DIRECTORY RECORD NUMBER 35528
201. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 88 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 88  
SECTION 14/ 88 NOT IN DIRECTORY RECORD NUMBER 35530
202. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT= 89 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT= 89  
SECTION 14/ 89 NOT IN DIRECTORY RECORD NUMBER 35532
203. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT=601 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT=601  
SECTION 14/601 NOT IN DIRECTORY RECORD NUMBER 35534
204. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT=602 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT=602  
SECTION 14/602 NOT IN DIRECTORY RECORD NUMBER 35536
205. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT=603 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT=603  
SECTION 14/603 NOT IN DIRECTORY RECORD NUMBER 35538
206. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT=604 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT=604  
SECTION 14/604 NOT IN DIRECTORY RECORD NUMBER 35540
207. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT=605 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=6428, MF=14, MT=605  
SECTION 14/605 NOT IN DIRECTORY RECORD NUMBER 35542
208. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=14, MT=606 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=14, MT=606  
SECTION 14/606 NOT IN DIRECTORY RECORD NUMBER 35544
209. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=32, MT=151 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=32, MT=151  
SECTION 32/151 NOT IN DIRECTORY RECORD NUMBER 35547
210. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=33, MT= 1 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=33, MT= 1  
SECTION 33/ 1 NOT IN DIRECTORY RECORD NUMBER 35643
211. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=33, MT= 2 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=33, MT= 2  
SECTION 33/ 2 NOT IN DIRECTORY RECORD NUMBER 36005
212. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=33, MT= 4 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=33, MT= 4  
SECTION 33/ 4 NOT IN DIRECTORY RECORD NUMBER 36367
213. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=33, MT= 16 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=33, MT= 16  
SECTION 33/ 16 NOT IN DIRECTORY RECORD NUMBER 36584
214. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=33, MT=102 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=6428, MF=33, MT=102  
SECTION 33/102 NOT IN DIRECTORY RECORD NUMBER 36634
215. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=6428, MF=33, MT=103 (0): Directory (b)*

• psyche Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ISOTOPE MASS = 153. L = 0 / STRENGTH FUNCTION IS 9.31404E-05 / STRENGTH FUNCTION 9.31404E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 6.00000E-04 (0): URR str. ftn.*

```
FILE 2
SECTION 151
ISOTOPE MASS = 153. L = 0
STRENGTH FUNCTION IS 9.31404E-05
STRENGTH FUNCTION 9.31404E-05
... [1 more lines]
```

2. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 2.30000E-04 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.04730E+00 SHOULD BE 1.73891E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 2.30000E-04
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.04730E+00 SHOULD BE 1.73891E+00
```

3. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.04710E+00 SHOULD BE 1.73873E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.04710E+00 SHOULD BE 1.73873E+00
```

4. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.04562E+00 SHOULD BE 1.73748E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.04562E+00 SHOULD BE 1.73748E+00
```

5. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.04414E+00 SHOULD BE 1.73622E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.04414E+00 SHOULD BE 1.73622E+00
```

6. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.04266E+00 SHOULD BE 1.73497E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.04266E+00 SHOULD BE 1.73497E+00
```

7. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.04119E+00 SHOULD BE 1.73372E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.04119E+00 SHOULD BE 1.73372E+00
```

8. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.03971E+00 SHOULD BE 1.73246E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.03971E+00 SHOULD BE 1.73246E+00
```

9. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.03824E+00 SHOULD BE 1.73121E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.03824E+00 SHOULD BE 1.73121E+00
```

10. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.03676E+00 SHOULD BE 1.72996E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.03676E+00 SHOULD BE 1.72996E+00
```

11. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.03530E+00 SHOULD BE 1.72871E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.03530E+00 SHOULD BE 1.72871E+00
```

12. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.03382E+00 SHOULD BE 1.72746E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.03382E+00 SHOULD BE 1.72746E+00
```

13. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.03235E+00 SHOULD BE 1.72621E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.03235E+00 SHOULD BE 1.72621E+00
```

14. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.02942E+00 SHOULD BE 1.72372E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.02942E+00 SHOULD BE 1.72372E+00
```

15. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.02649E+00 SHOULD BE 1.72123E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.02649E+00 SHOULD BE 1.72123E+00
```

16. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.02356E+00 SHOULD BE 1.71874E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.02356E+00 SHOULD BE 1.71874E+00
```

17. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.02064E+00 SHOULD BE 1.71626E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.02064E+00 SHOULD BE 1.71626E+00
```

18. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.01772E+00 SHOULD BE 1.71379E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.01772E+00 SHOULD BE 1.71379E+00
```

19. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.01481E+00 SHOULD BE 1.71131E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.01481E+00 SHOULD BE 1.71131E+00
```

20. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.01190E+00 SHOULD BE 1.70884E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.01190E+00 SHOULD BE 1.70884E+00
```

21. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 2.30000E-04 / DENSITY 2.00900E+00 SHOULD BE 1.70637E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 2.30000E-04
DENSITY 2.00900E+00 SHOULD BE 1.70637E+00
```

22. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / TOTAL OF 48 POINTS IN ERROR FOR THIS J-STATE (0): URR dens. (b)*

```
FILE 2
SECTION 151
TOTAL OF 48 POINTS IN ERROR FOR THIS J-STATE
TOTAL OF 48 POINTS IN ERROR FOR THIS J-STATE
TOTAL OF 48 POINTS IN ERROR FOR THIS J-STATE
... [5 more lines]
```

23. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.89818E+00 SHOULD BE 2.67099E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04
```



- ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.89818E+00 SHOULD BE 2.67099E+00  
... [1 more lines]
24. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.89789E+00 SHOULD BE 2.67073E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.89789E+00 SHOULD BE 2.67073E+00  
DENSITY 2.89789E+00 SHOULD BE 2.67073E+00
25. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.89580E+00 SHOULD BE 2.66880E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.89580E+00 SHOULD BE 2.66880E+00  
DENSITY 2.89580E+00 SHOULD BE 2.66880E+00
26. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.89370E+00 SHOULD BE 2.66687E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.89370E+00 SHOULD BE 2.66687E+00  
DENSITY 2.89370E+00 SHOULD BE 2.66687E+00
27. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.89161E+00 SHOULD BE 2.66494E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.89161E+00 SHOULD BE 2.66494E+00  
DENSITY 2.89161E+00 SHOULD BE 2.66494E+00
28. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.88952E+00 SHOULD BE 2.66302E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.88952E+00 SHOULD BE 2.66302E+00
29. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.88744E+00 SHOULD BE 2.66109E+00 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.88744E+00 SHOULD BE 2.66109E+00  
DENSITY 2.88744E+00 SHOULD BE 2.66109E+00
30. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.88535E+00 SHOULD BE 2.65917E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.88535E+00 SHOULD BE 2.65917E+00  
DENSITY 2.88535E+00 SHOULD BE 2.65917E+00
31. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.88326E+00 SHOULD BE 2.65724E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.88326E+00 SHOULD BE 2.65724E+00  
DENSITY 2.88326E+00 SHOULD BE 2.65724E+00
32. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.88119E+00 SHOULD BE 2.65533E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.88119E+00 SHOULD BE 2.65533E+00  
DENSITY 2.88119E+00 SHOULD BE 2.65533E+00
33. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.87910E+00 SHOULD BE 2.65341E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.87910E+00 SHOULD BE 2.65341E+00  
DENSITY 2.87910E+00 SHOULD BE 2.65341E+00
34. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.87702E+00 SHOULD BE 2.65149E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.87702E+00 SHOULD BE 2.65149E+00  
DENSITY 2.87702E+00 SHOULD BE 2.65149E+00

35. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.87287E+00 SHOULD BE 2.64766E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.87287E+00 SHOULD BE 2.64766E+00
DENSITY 2.87287E+00 SHOULD BE 2.64766E+00
```

36. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.86872E+00 SHOULD BE 2.64384E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.86872E+00 SHOULD BE 2.64384E+00
DENSITY 2.86872E+00 SHOULD BE 2.64384E+00
```

37. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.86457E+00 SHOULD BE 2.64002E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.86457E+00 SHOULD BE 2.64002E+00
DENSITY 2.86457E+00 SHOULD BE 2.64002E+00
```

38. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.86044E+00 SHOULD BE 2.63621E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.86044E+00 SHOULD BE 2.63621E+00
DENSITY 2.86044E+00 SHOULD BE 2.63621E+00
```

39. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.85631E+00 SHOULD BE 2.63240E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.85631E+00 SHOULD BE 2.63240E+00
DENSITY 2.85631E+00 SHOULD BE 2.63240E+00
```

40. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.85218E+00 SHOULD BE 2.62860E+00 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.85218E+00 SHOULD BE 2.62860E+00  
DENSITY 2.85218E+00 SHOULD BE 2.62860E+00
41. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.84806E+00 SHOULD BE 2.62480E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.84806E+00 SHOULD BE 2.62480E+00  
DENSITY 2.84806E+00 SHOULD BE 2.62480E+00
42. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.84395E+00 SHOULD BE 2.62102E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.84395E+00 SHOULD BE 2.62102E+00  
DENSITY 2.84395E+00 SHOULD BE 2.62102E+00
43. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.04730E+00 SHOULD BE 1.60260E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04  
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.04730E+00 SHOULD BE 1.60260E+00  
... [1 more lines]
44. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.04710E+00 SHOULD BE 1.60244E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.04710E+00 SHOULD BE 1.60244E+00  
DENSITY 2.04710E+00 SHOULD BE 1.60244E+00
45. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.04562E+00 SHOULD BE 1.60128E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.04562E+00 SHOULD BE 1.60128E+00  
DENSITY 2.04562E+00 SHOULD BE 1.60128E+00

46. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.04414E+00 SHOULD BE 1.60012E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.04414E+00 SHOULD BE 1.60012E+00
DENSITY 2.04414E+00 SHOULD BE 1.60012E+00
```

47. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.04266E+00 SHOULD BE 1.59897E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.04266E+00 SHOULD BE 1.59897E+00
DENSITY 2.04266E+00 SHOULD BE 1.59897E+00
```

48. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.04119E+00 SHOULD BE 1.59781E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.04119E+00 SHOULD BE 1.59781E+00
DENSITY 2.04119E+00 SHOULD BE 1.59781E+00
```

49. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.03971E+00 SHOULD BE 1.59666E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.03971E+00 SHOULD BE 1.59666E+00
DENSITY 2.03971E+00 SHOULD BE 1.59666E+00
```

50. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.03824E+00 SHOULD BE 1.59550E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.03824E+00 SHOULD BE 1.59550E+00
DENSITY 2.03824E+00 SHOULD BE 1.59550E+00
```

51. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.03676E+00 SHOULD BE 1.59435E+00 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.03676E+00 SHOULD BE 1.59435E+00  
DENSITY 2.03676E+00 SHOULD BE 1.59435E+00
52. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.03530E+00 SHOULD BE 1.59320E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.03530E+00 SHOULD BE 1.59320E+00  
DENSITY 2.03530E+00 SHOULD BE 1.59320E+00
53. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.03382E+00 SHOULD BE 1.59205E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.03382E+00 SHOULD BE 1.59205E+00  
DENSITY 2.03382E+00 SHOULD BE 1.59205E+00
54. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.03235E+00 SHOULD BE 1.59089E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.03235E+00 SHOULD BE 1.59089E+00  
DENSITY 2.03235E+00 SHOULD BE 1.59089E+00
55. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.02942E+00 SHOULD BE 1.58860E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.02942E+00 SHOULD BE 1.58860E+00  
DENSITY 2.02942E+00 SHOULD BE 1.58860E+00
56. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.02649E+00 SHOULD BE 1.58630E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 2.02649E+00 SHOULD BE 1.58630E+00  
DENSITY 2.02649E+00 SHOULD BE 1.58630E+00

57. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.02356E+00 SHOULD BE 1.58401E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.02356E+00 SHOULD BE 1.58401E+00
DENSITY 2.02356E+00 SHOULD BE 1.58401E+00
```

58. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.02064E+00 SHOULD BE 1.58172E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.02064E+00 SHOULD BE 1.58172E+00
DENSITY 2.02064E+00 SHOULD BE 1.58172E+00
```

59. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 2.01772E+00 SHOULD BE 1.57944E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 2.01772E+00 SHOULD BE 1.57944E+00
```

60. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.01481E+00 SHOULD BE 1.57716E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.01481E+00 SHOULD BE 1.57716E+00
DENSITY 2.01481E+00 SHOULD BE 1.57716E+00
```

61. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.01190E+00 SHOULD BE 1.57488E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.01190E+00 SHOULD BE 1.57488E+00
DENSITY 2.01190E+00 SHOULD BE 1.57488E+00
```

62. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.00900E+00 SHOULD BE 1.57261E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04
```

DENSITY 2.00900E+00 SHOULD BE 1.57261E+00  
 DENSITY 2.00900E+00 SHOULD BE 1.57261E+00

63. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.86815E+00 SHOULD BE 1.14471E+00 (0): URR dens. (a)*

FILE 2  
 SECTION 151  
 ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04  
 ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 1.00000E-04  
 DENSITY 1.86815E+00 SHOULD BE 1.14471E+00  
 ... [1 more lines]

64. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.86796E+00 SHOULD BE 1.14460E+00 (0): URR dens. (a)*

FILE 2  
 SECTION 151  
 ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04  
 DENSITY 1.86796E+00 SHOULD BE 1.14460E+00  
 DENSITY 1.86796E+00 SHOULD BE 1.14460E+00

65. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 1.86661E+00 SHOULD BE 1.14377E+00 (0): URR dens. (a)*

FILE 2  
 SECTION 151  
 ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 9.99999E-05  
 DENSITY 1.86661E+00 SHOULD BE 1.14377E+00  
 DENSITY 1.86661E+00 SHOULD BE 1.14377E+00

66. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.86527E+00 SHOULD BE 1.14294E+00 (0): URR dens. (a)*

FILE 2  
 SECTION 151  
 ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
 DENSITY 1.86527E+00 SHOULD BE 1.14294E+00  
 DENSITY 1.86527E+00 SHOULD BE 1.14294E+00

67. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.86392E+00 SHOULD BE 1.14212E+00 (0): URR dens. (a)*

FILE 2  
 SECTION 151  
 ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
 DENSITY 1.86392E+00 SHOULD BE 1.14212E+00  
 DENSITY 1.86392E+00 SHOULD BE 1.14212E+00



68. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.86257E+00 SHOULD BE 1.14129E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.86257E+00 SHOULD BE 1.14129E+00
DENSITY 1.86257E+00 SHOULD BE 1.14129E+00
```

69. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.86123E+00 SHOULD BE 1.14047E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.86123E+00 SHOULD BE 1.14047E+00
DENSITY 1.86123E+00 SHOULD BE 1.14047E+00
```

70. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.85988E+00 SHOULD BE 1.13964E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.85988E+00 SHOULD BE 1.13964E+00
DENSITY 1.85988E+00 SHOULD BE 1.13964E+00
```

71. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.85853E+00 SHOULD BE 1.13882E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.85853E+00 SHOULD BE 1.13882E+00
DENSITY 1.85853E+00 SHOULD BE 1.13882E+00
```

72. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.85719E+00 SHOULD BE 1.13800E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.85719E+00 SHOULD BE 1.13800E+00
DENSITY 1.85719E+00 SHOULD BE 1.13800E+00
```

73. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.85585E+00 SHOULD BE 1.13718E+00 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 1.85585E+00 SHOULD BE 1.13718E+00  
DENSITY 1.85585E+00 SHOULD BE 1.13718E+00
74. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.85451E+00 SHOULD BE 1.13635E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 1.85451E+00 SHOULD BE 1.13635E+00  
DENSITY 1.85451E+00 SHOULD BE 1.13635E+00
75. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.85183E+00 SHOULD BE 1.13471E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 1.85183E+00 SHOULD BE 1.13471E+00  
DENSITY 1.85183E+00 SHOULD BE 1.13471E+00
76. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.84916E+00 SHOULD BE 1.13307E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 1.84916E+00 SHOULD BE 1.13307E+00
77. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.84649E+00 SHOULD BE 1.13144E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 1.84649E+00 SHOULD BE 1.13144E+00  
DENSITY 1.84649E+00 SHOULD BE 1.13144E+00
78. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.84382E+00 SHOULD BE 1.12980E+00 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04  
DENSITY 1.84382E+00 SHOULD BE 1.12980E+00  
DENSITY 1.84382E+00 SHOULD BE 1.12980E+00

79. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.84116E+00 SHOULD BE 1.12817E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.84116E+00 SHOULD BE 1.12817E+00
DENSITY 1.84116E+00 SHOULD BE 1.12817E+00
```

80. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.83850E+00 SHOULD BE 1.12654E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.83850E+00 SHOULD BE 1.12654E+00
DENSITY 1.83850E+00 SHOULD BE 1.12654E+00
```

81. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 1.83584E+00 SHOULD BE 1.12492E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 1.83584E+00 SHOULD BE 1.12492E+00
```

82. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.83320E+00 SHOULD BE 1.12329E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.83320E+00 SHOULD BE 1.12329E+00
DENSITY 1.83320E+00 SHOULD BE 1.12329E+00
```

83. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.88953E+00 SHOULD BE 2.66302E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.88953E+00 SHOULD BE 2.66302E+00
```

84. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.01772E+00 SHOULD BE 1.57944E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.01772E+00 SHOULD BE 1.57944E+00
```

85. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 1.84916E+00 SHOULD BE 1.13307E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 1.84916E+00 SHOULD BE 1.13307E+00
```

86. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.83584E+00 SHOULD BE 1.12492E+00 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.83584E+00 SHOULD BE 1.12492E+00
```

87. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 9.99999E-05 / ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 2.01409E+00 SHOULD BE 8.90331E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 9.99999E-05
ENERGY = 1.32000E+02. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 2.01409E+00 SHOULD BE 8.90331E-01
```

88. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.01388E+00 SHOULD BE 8.90242E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.00000E+02. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.01388E+00 SHOULD BE 8.90242E-01
```

89. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.01243E+00 SHOULD BE 8.89599E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 7.00000E+02. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.01243E+00 SHOULD BE 8.89599E-01
```

90. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.01097E+00 SHOULD BE 8.88956E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.01097E+00 SHOULD BE 8.88956E-01
```

91. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.00952E+00 SHOULD BE 8.88314E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.00952E+00 SHOULD BE 8.88314E-01
```

92. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 2.00807E+00 SHOULD BE 8.87672E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.20000E+03. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 2.00807E+00 SHOULD BE 8.87672E-01
```

93. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.00662E+00 SHOULD BE 8.87031E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 2.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.00662E+00 SHOULD BE 8.87031E-01
```

94. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.00517E+00 SHOULD BE 8.86390E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.00517E+00 SHOULD BE 8.86390E-01
```

95. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.00372E+00 SHOULD BE 8.85748E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 3.70000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.00372E+00 SHOULD BE 8.85748E-01
```

96. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 2.00227E+00 SHOULD BE 8.85110E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 4.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 2.00227E+00 SHOULD BE 8.85110E-01
```

97. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 2.00083E+00 SHOULD BE 8.84471E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 4.70000E+03. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 2.00083E+00 SHOULD BE 8.84471E-01
```

98. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.99938E+00 SHOULD BE 8.83830E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 5.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.99938E+00 SHOULD BE 8.83830E-01
```

99. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.99649E+00 SHOULD BE 8.82555E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 6.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.99649E+00 SHOULD BE 8.82555E-01
```

100. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.99361E+00 SHOULD BE 8.81280E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 7.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.99361E+00 SHOULD BE 8.81280E-01
```

101. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.99073E+00 SHOULD BE 8.80007E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 8.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.99073E+00 SHOULD BE 8.80007E-01
```

102. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.98785E+00 SHOULD BE 8.78736E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 9.20000E+03. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.98785E+00 SHOULD BE 8.78736E-01
```

103. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.98499E+00 SHOULD BE 8.77468E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.02000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.98499E+00 SHOULD BE 8.77468E-01
```

104. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.98212E+00 SHOULD BE 8.76201E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.12000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.98212E+00 SHOULD BE 8.76201E-01
```

105. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 9.99999E-05 / DENSITY 1.97926E+00 SHOULD BE 8.74935E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.22000E+04. STRENGTH FUNCTION IS 9.99999E-05
DENSITY 1.97926E+00 SHOULD BE 8.74935E-01
```

106. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04 / DENSITY 1.97640E+00 SHOULD BE 8.73673E-01 (0): URR dens. (a)*

```
FILE 2
SECTION 151
ENERGY = 1.32000E+04. STRENGTH FUNCTION IS 1.00000E-04
DENSITY 1.97640E+00 SHOULD BE 8.73673E-01
```

107. Non-threshold reaction with Q value differing from PSYCHE's expectations  
*FILE 3 / SECTION 22 / THE CALCULATED Q 1.72800E+06 DISSAGREES WITH THE GIVEN Q 1.82900E+06 (0): Iffy Q*

```
FILE 3
SECTION 22
THE CALCULATED Q 1.72800E+06 DISSAGREES WITH THE GIVEN Q 1.82900E+06
```

108. Non-threshold reaction with Q value differing from PSYCHE's expectations  
*FILE 3 / SECTION 103 / THE CALCULATED Q 1.17297E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q*

```
FILE 3
SECTION 103
THE CALCULATED Q 1.17297E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00
```

109. Non-threshold reaction with Q value differing from PSYCHE's expectations  
*FILE 3 / SECTION 107 / THE CALCULATED Q 9.60834E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q*

FILE 3  
SECTION 107  
THE CALCULATED Q 9.60834E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00

- linear Errors:

1. Negative cross section found  
*0: Neg. Sig(E)*

```
Linearize ENDF/B Cross Sections (LINEAR 2015-1)
-----
Retrieval Criteria----- MAT
Monitor Mode----- Off
Minimum Cross Section----- 1.0000E-10 (Default Option)
... [100 more lines]
```

- fudge-4.0 Warnings:

1. The URR for this spin group needs higher energy resolution for correct representation of the average cross section  
*resonances / unresolved (Error # 0): URRinsufficientEnergyGrid*

```
WARNING: More points needed in L=0 J=1.0 unresolved widths between 2.e2 eV and 7.e2 eV
WARNING: More points needed in L=0 J=2.0 unresolved widths between 2.e2 eV and 7.e2 eV
WARNING: More points needed in L=1 J=0.0 unresolved widths between 2.e2 eV and 7.e2 eV
WARNING: More points needed in L=1 J=1.0 unresolved widths between 2.e2 eV and 7.e2 eV
... plus 7 more instances of this message
```

2. Cross section does not match sum of linked reaction cross sections  
*crossSectionSum label 0: total (Error # 0): CS Sum.*

```
WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.22%
```

3. Cross section does not match sum of linked reaction cross sections  
*crossSectionSum label 2: (z,p) (Error # 0): CS Sum.*

```
WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 2.49%
```

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.  
*Section 0 (total): / Form 'eval': (Error # 0): Condition num.*

```
WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
```

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.  
*Section 1 (n + Gd153): / Form 'eval': (Error # 0): Condition num.*

```
WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
```

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.  
*Section 2 ((z,n)): / Form 'eval': (Error # 0): Condition num.*

```
WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
```



7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.  
*Section 3 (n[multiplicity:'2'] + Gd152 + gamma): / Form 'eval': (Error # 0): Condition num.*

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.  
*Section 4 (Gd154 + gamma): / Form 'eval': (Error # 0): Condition num.*

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

9. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.  
*Section 5 ((z,p)): / Form 'eval': (Error # 0): Condition num.*

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.  
*reaction label 41: n[multiplicity:'2'] + Gd152 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -6576957.550933838 eV vs -6.247e6 eV!

2. Calculated and tabulated Q values disagree.  
*reaction label 42: n[multiplicity:'3'] + Gd151 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -15033045.83065796 eV vs -1.4836e7 eV!

3. Calculated and tabulated Q values disagree.  
*reaction label 43: n + H1 + Eu152 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -7673291.981811523 eV vs -7.284e6 eV!

4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 43: n + H1 + Eu152 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 9.5e6 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.049e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV  
 ... plus 11 more instances of this message

5. Calculated and tabulated Q values disagree.  
*reaction label 44: H1 + Eu153 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 782796.2979431152 eV vs 1.266e6 eV!

6. Calculated and tabulated Q values disagree.  
*reaction label 45: H1 + Eu153\_e1 (Error # 0): Q mismatch*

- WARNING: Calculated and tabulated Q-values disagree: 699426.2979431152 eV vs 1182630. eV!
7. Calculated and tabulated Q values disagree.  
*reaction label 46: H1 + Eu153-e2 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 685366.2979431152 eV vs 1168570. eV!

  8. Calculated and tabulated Q values disagree.  
*reaction label 47: H1 + Eu153-e3 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 679616.2979431152 eV vs 1162820. eV!

  9. Calculated and tabulated Q values disagree.  
*reaction label 48: H1 + Eu153-e4 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 631176.2979431152 eV vs 1114380. eV!

  10. Calculated and tabulated Q values disagree.  
*reaction label 49: H1 + Eu153-e5 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 609946.2979431152 eV vs 1093150. eV!

  11. Calculated and tabulated Q values disagree.  
*reaction label 50: H1 + Eu153-e6 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 589736.2979431152 eV vs 1072940. eV!

  12. Calculated and tabulated Q values disagree.  
*reaction label 51: H1 + (Eu153-c -> Eu153 + gamma) (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 589736.2979431152 eV vs 1072940. eV!

  13. Calculated and tabulated Q values disagree.  
*reaction label 52: Gd154 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 8821121.24307251 eV vs 8.894e6 eV!

  14. Calculated and tabulated Q values disagree.  
*reaction label 53: n + He4 + Sm149 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 1674629.619110107 eV vs 1.829e6 eV!

  15. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 53: n + He4 + Sm149 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 5.e6 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 6.5e6 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV  
... plus 19 more instances of this message

  16. Calculated and tabulated Q values disagree.  
*reaction label 54: n[multiplicity:'2'] + He4 + Sm148 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -3962762.567382812 eV vs -4.042e6 eV!

17. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 54: n[multiplicity:'2'] + He4 + Sm148 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.15e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV  
... plus 8 more instances of this message

18. Calculated and tabulated Q values disagree.  
*reaction label 55: n[multiplicity:'2'] + H1 + Eu151 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -13310684.16830444 eV vs -1.359e7 eV!

19. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 55: n[multiplicity:'2'] + H1 + Eu151 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.65e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.75e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.85e7 eV  
... plus 2 more instances of this message

20. Calculated and tabulated Q values disagree.  
*reaction label 56: He4 + Sm150\_s (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 9741560.663726807 eV vs 0. eV!

21. Cross section domain does not match domain of linked reaction cross section sum  
*crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch*

WARNING: Cross section domain does not match domain of linked reaction cross section sum

- njoy2012 Warnings:

1. Message comes from several resonance types that do not support the calculation of angular distributions. Some of them can be used if Want\_SAMRL\_RM or Want\_SAMRML\_BW are true.

*reconr...reconstruct pointwise cross sections in pendf format (0): RECONR/calculation of angular distribution not installed (0)*

---message from rdf2bw---calculation of angular distribution not installed.  
samm max legendre order: 0

2. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (0): HEATR/hinit (4)*

---message from hinit---mf6, mt102 does not give recoil za= 64154  
photon momentum recoil used.

3. Only partial urr covariance data was given.  
*errorr...produce cross section covariances (0): ERRORR/resprx (5)*  
  

---message from resprx---mf2 nls=1, but mf32 nls=0  
continue with partial urr covariance data
4. No scattering radius uncertainty given.  
*errorr...produce cross section covariances (1): ERRORR/rpxlc12 (0)*  
  

---message from rpxlc12---no scattering radius uncertainty
5. Generic warning message  
*errorr...produce cross section covariances (2): Warning*  
  

---message from rpxlc12---resonance parameter loop done 508.2s
6. Generic warning message  
*errorr...produce cross section covariances (3): Warning*  
  

---message from rpxlc12---sensitivity calculation continues 508.3s
7. Generic warning message  
*errorr...produce cross section covariances (4): Warning*  
  

---message from rpxlc12---sensitivity calculation completed 508.4s